

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of :
M. Hamalainen et al :
Filed: Herewith :
For: MANIPULATING WAVETABLE DATA FOR
WAVETABLE BASED SOUND SYNTHESIS

Assistant Commissioner for Patents
U.S. Patent and Trademark Office
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

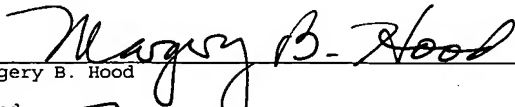
Sir:

Applicants submit herewith references of which they are aware, which they believe may be material to the examination of this application and which they may have a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any document referred to herein is "prior art" for this invention unless specifically designated as such.

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I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as "Express Mail" in an envelope with Mailing Label No. EV 303712839 US placed thereon prior to mailing and addressed to the Director, U.S. Patent & Trademark Office, Alexandria VA 22313-1405.

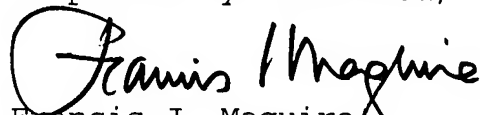


Margery B. Hood
Dated: Nov. 26, 2003

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement should not be construed to mean that a search has been made or that no other material information as defined under 37 CFR 1.56(a) exists.

The enclosed references are cited in the specification of the instant application.

Respectfully submitted,

A handwritten signature in black ink that reads "Francis J. Maguire". The signature is written in a cursive style with a large, looped initial "F".

Francis J. Maguire
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mbh
November 26, 2003
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LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

M. Hamalainen et al

FILING DATE

Herewith

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6239345	5/2001	Laroche	84	604	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	ITU-T G.711, General Aspects of Digital Transmission Systems; Terminal Equipments; Pulse Code Modulation (PCM) of Voice Frequencies, Fascicle III.4-Rec. G.711, ITU 1988, 1993.
	AS	ITU-T G.722.2 (01/2002), Series G: Transmission Systems and Media, Digital System and Networks; Digital Terminal Equipments--coding of Analogue Signals by Methods Other Than PCM; Wideband Coding of Speech at around 16 kbit/s Using Adaptive Multi-Rate Wideband (AMR-WB); CCITT G.726, General Aspects of Digital Transmission Systems; Terminal Equipments; 40, 32, 24, 16 kbit/s Adaptive Differential Pulse Code Modulation (ADPCM), Recommendation G-726, 1990.
	AT	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.